

INDEX FOR VOLUME 23 (1952)

Prepared for the Research Council by Marjorie Phillips,
Chairman of the Index Committee

Authors and important topics are indexed. Topics selected for indexing are those for which the article supplies information or data. The brief descriptive phrase is followed by the author's name, the month, and page of reference.

Abstracts

- of research articles, Mar.: 119, May: 241,
Oct.: 370, Dec.: 428
- accidents
 - liability for, in physical education,
Doscher, Nathan and Walke, Nelson,
Oct.: 280
- accuracy
 - emphasis on, effect on learning, Solly,
W. H., May: 231
 - versus speed in motor learning, Knapp,
C. G. and Dixon, W. R., Dec.: 398
- acquaintance tests
 - in physical education classes, Todd,
Frances, Mar.: 106
- age
 - relation to grip strength, Everett, P. W.
and Sills, F. D., May: 161
 - relation to physical fitness, Loveless,
J. C., Oct.: 347
- Alley, L. E.* Oct.: 253
- Andres, E. H.* Mar.: 95
- Annis, Elsie* Dec.: 379
- anthropometry
 - measures of hand, relation to grip strength,
Everett, P. W. and Sills, F. D., May: 161
- appearance
 - personal, of Hunter College freshmen,
Loop, Anne S. and Tipton, Anne B.,
Mar.: 55
- ascorbic acid
 - effect on muscle soreness, Staton, W. M.,
Oct.: 356
- athletes
 - emotional reactions of, Harmon, J. M.
and Johnson, W. R., Dec.: 391
- Bailey, T. L.* May: 136
- Baker, Gertrude M.* Dec.: 379
- baseball
 - prediction of ability in, Everett, P. W.,
Mar.: 15
 - velocity of fast and curve balls, Slater-
Hammel, A. T. and Andres, E. H.,
Mar.: 95
- bibliography
 - annotated, of studies in physical fitness
of adult men, Cureton, T. K., May: 155
- Billett, R. E.* May: 127
- block spacing
 - in sprint start, Henry, F. M., Oct.: 301
- blood pressure
 - of college athletes, pre-game, Harmon,
J. M. and Johnson, W. R., Dec.: 391
- Bontz, Jean* Dec.: 379
- Bookwalter, K. W.* Oct.: 271
- Bovard, J. F.* Dec., Part II: 1
- Boyd, C. A.* May: 177
- boys
 - physical efficiency tests for, McHone,
V. L., Tompkin, G. W., and Davis,
J. S., Mar.: 83
- Brown, Jane E.* Oct.: 322
- cable-tension
 - testing of muscle groups, Clarke, H. H.,
Bailey, T. L. and Shay, C. T., May: 136
- children
 - ability in standing broad jump, Kane, R.
J. and Meredith, H. V., May: 198
 - effects of training in ball throwing, Dusen-
berry, Lois, Mar.: 9
 - relation of posture to certain physical
and mental traits, Moriarty, Mary J.
and Irwin, L. W., May: 221
- Clarke, H. H.* May: 136
- classification
 - of college men by height-weight, Miller,
T. D., Dec.: 402
- cold
 - abdominal spray, effect on running the
440, Rosen, M., May: 226
- Cureton, T. K.* May: 149
- Davis, J. S.* Mar.: 83

INDEX FOR VOLUME 23 (1952)

Prepared for the Research Council by Marjorie Phillips,
Chairman of the Index Committee

Authors and important topics are indexed. Topics selected for indexing are those for which the article supplies information or data. The brief descriptive phrase is followed by the author's name, the month, and page of reference.

Abstracts

- of research articles, Mar.: 119, May: 241,
Oct.: 370, Dec.: 428
- accidents
 - liability for, in physical education,
Doscher, Nathan and Walke, Nelson,
Oct.: 280
- accuracy
 - emphasis on, effect on learning, Solly,
W. H., May: 231
 - versus speed in motor learning, Knapp,
C. G. and Dixon, W. R., Dec.: 398
- acquaintance tests
 - in physical education classes, Todd,
Frances, Mar.: 106
- age
 - relation to grip strength, Everett, P. W.
and Sills, F. D., May: 161
 - relation to physical fitness, Loveless,
J. C., Oct.: 347
- Alley, L. E.* Oct.: 253
- Andres, E. H.* Mar.: 95
- Annis, Elsie* Dec.: 379
- anthropometry
 - measures of hand, relation to grip strength,
Everett, P. W. and Sills, F. D., May: 161
- appearance
 - personal, of Hunter College freshmen,
Loop, Anne S. and Tipton, Anne B.,
Mar.: 55
- ascorbic acid
 - effect on muscle soreness, Staton, W. M.,
Oct.: 356
- athletes
 - emotional reactions of, Harmon, J. M.
and Johnson, W. R., Dec.: 391
- Bailey, T. L.* May: 136
- Baker, Gertrude M.* Dec.: 379
- baseball
 - prediction of ability in, Everett, P. W.,
Mar.: 15
 - velocity of fast and curve balls, Slater-
Hammel, A. T. and Andres, E. H.,
Mar.: 95
- bibliography
 - annotated, of studies in physical fitness
of adult men, Cureton, T. K., May: 155
- Billett, R. E.* May: 127
- block spacing
 - in sprint start, Henry, F. M., Oct.: 301
- blood pressure
 - of college athletes, pre-game, Harmon,
J. M. and Johnson, W. R., Dec.: 391
- Bontz, Jean* Dec.: 379
- Bookwalter, K. W.* Oct.: 271
- Bovard, J. F.* Dec., Part II: 1
- Boyd, C. A.* May: 177
- boys
 - physical efficiency tests for, McHone,
V. L., Tompkin, G. W., and Davis,
J. S., Mar.: 83
- Brown, Jane E.* Oct.: 322
- cable-tension
 - testing of muscle groups, Clarke, H. H.,
Bailey, T. L. and Shay, C. T., May: 136
- children
 - ability in standing broad jump, Kane, R.
J. and Meredith, H. V., May: 198
 - effects of training in ball throwing, Dusen-
berry, Lois, Mar.: 9
 - relation of posture to certain physical
and mental traits, Moriarty, Mary J.
and Irwin, L. W., May: 221
- Clarke, H. H.* May: 136
- classification
 - of college men by height-weight, Miller,
T. D., Dec.: 402
- cold
 - abdominal spray, effect on running the
440, Rosen, M., May: 226
- Cureton, T. K.* May: 149
- Davis, J. S.* Mar.: 83

- democratic practices
 in physical education, Todd, Frances, Mar.: 106
- developmental level
 relation to physical fitness scores, Book-walter, K. W., et al, Oct.: 271
Dillon, Evelyn K. Mar.: 1, Mar.: 115
Dixon, W. R. Dec.: 398
Doscher, Nathan Oct.: 280
Dusenberry, Lois Mar.: 9
Elbel, E. R. Oct.: 295
- elementary schools
 supervision of physical education in, Baker, Gertrude M., Annis, Elsie and Bontz, Jean, Dec.: 379
- emotion
 precontest reactions of college athletes, Harmon, J. M. and Johnson, W. R., Dec.: 391
- emotional traits
 relation to poor posture in children, Moriarty, Mary J. and Irwin, L. W., May: 221
Everett, P. W. Mar.: 15, May: 161
- exercise
 history of, in early elementary schools, Billett, R. E., May: 127
 of heavy resistance type, effect on muscle strength and speed, Wilkin, B. M., Oct.: 361
Fairclough, R. H. Mar.: 21
- fatigue
 curves, of arm movements in weight lifting, Wilkin, B. M., Oct.: 361
- field hockey
 knowledge test for women physical education majors, Kelly, Ellen D. and Brown, Jane E., Oct.: 322
Fink, Ruth W. Mar.: 28
- flexibility
 test of back and leg, Wells, Katherine F. and Dillon, Evelyn K., Mar.: 115
- football
 speed and force of charge, Elbel, E. R., Wilson, D. and French, C., Oct.: 295
 vocational status of professional players, Governali, P., Mar.: 39
- force
 of football charge, Elbel, E. R., Wilson, D. and French, C., Oct.: 295
- force-time
 characteristics, of the sprint start, Henry, F. M., Oct.: 301
French, C. Oct.: 295
Governali, P. Mar.: 38
Haag, Jessie H. May: 167
Harmon, J. M. Dec.: 391
- health
 concepts important in college health courses, Irwin, L. W. and Boyd, C. A., May: 177
 interests of secondary school students, Lantagne, J. E., Oct.: 330
 problems of college men, Humphrey, J. H., Oct.: 319
 survey of Hunter College freshmen, Loop, Anne S. and Tipton, Anne B., Mar.: 54
- health education
 certification of secondary school teachers, Haag, Jessie H., May: 167
- health practices
 of Hunter College freshmen, Loop, Anne S. and Tipton, Anne B., Mar.: 61
- heart rate
 of college athletes, pre-game, Harmon, J. M. and Johnson, W. R., Dec.: 391
- height
 relation to grip strength, Everett, P. W. and Sills, F. D., May: 161
 relation to physical fitness, Loveless, J. C., Oct.: 347
- height-weight
 as a performance classifier for college men, Miller, K. D., Dec.: 402
Henry, F. M. Mar.: 43, Oct.: 301, Dec., Part II: 1
- history
 play and exercise in elementary schools, 1809-1845, Billett, R. E., May: 127
Humphrey, J. H. Oct.: 319
- index
 of Research Quarterly, 1930-39, Phillips, Marjorie, Henry, F. M., Karpovich, P. V., Bovard, J. F. and Masley, J. W., Dec., Part II: 1
- in-service training
 survey of general procedures used for elementary teachers, Baker, Gertrude M., Annis, Elsie and Bontz, Jean, Dec.: 379
- interests
 health, of secondary school students, Lantagne, J. E., Oct.: 330
Irwin, L. W. May: 177, May: 221
Johnson, W. R. Dec.: 391
- jumping
 ability of elementary school children, Kane, R. J. and Meredith, H. V., May: 198
Kane, R. J. May: 198
Karpovich, P. V. Dec.: Part II: 1
Kelly, Ellen D. Oct.: 322

- Knapp, C. G.* Dec.: 398
- Lanlagne, J. E.* Oct.: 330
- learning, motor
- effect of verbal instruction of speed and accuracy upon, Solley, W. H., May: 231
 - of children, Dusenberry, Lois, Mar.: 9
 - speed vs. accuracy in, Knapp, C. G. and Dixon, W. R., Dec.: 398
 - whole vs. part method, Knapp, C. G. and Dixon, W. R., Dec.: 398
- leg length
- relation to sprinting ability, relation to block spacing in the sprint start, Henry, F. M., Oct.: 301
- legislation
- on liability for school accidents, Doscher, Nathan and Walke, Nelson, Oct.: 280
- liability
- for school physical education accidents, Doscher, Nathan and Walke, Nelson, Oct.: 280
- Loop, Anne S.* Mar.: 54
- Loucks, D.* May: 209
- Loveless, J. C.* Oct.: 347
- major students
- in physical education, factors affecting achievement, Thompson, J. C., Dec.: 417
- Masley, J. W.* Dec., Part II: 1
- McHone, V. L.* Mar.: 83
- measurement
- of emotional reactions of college athletes, Harmon, J. M. and Johnson, W. R., Dec.: 391
 - of speed and force of football charge, Elbel, E. R., Wilson, D. and French, C., Oct.: 295
- mental health
- of Hunter College freshmen, Loop, Anne S. and Tipton, Anne B., Mar.: 64
- Meredith, H. V.* May: 198
- method
- in elementary school physical education, Baker, Gertrude M., Annis, Elsie and Bontz, Jean, Dec.: 379
 - whole vs. part in motor learning, Knapp C. G. and Dixon, W. R., Dec.: 398
- middle age
- physical fitness improvement during, Cureton, T. K., May: 149
- Miller, K. D.* Dec.: 402
- Moriarty, Mary J.* May: 221
- motivation
- relation to improvement of reaction and movement times, Fairclough, R. H., Mar.: 21
 - role of sensory stimuli in improving reaction and movement times, Henry, F. M., Mar.: 43
- motor achievement
- of men physical education majors, Thompson, J. C., Dec.: 417
- movement time
- speed of, relation to reaction time, Henry, F. M., Mar.: 43
 - transfer of motivated improvement in, Fairclough, R. H., Mar.: 21
- muscle
- soreness, effect of ascorbic acid on, Staton, W. M., Oct.: 356
- muscle bound
- effect of resistance type exercise, Wilkin, B. M., Oct.: 361
- music
- use in teaching swimming, Dillon, Evelyn K., Mar.: 1
- norms
- standing broad jump, children, Kane, R. J. and Meredith, H. V., May: 198
- nutrition
- of Hunter College freshmen, Loop, Anne S. and Tipton, Anne B., Mar.: 59
- otorhinologic conditions
- relation to swimming, Staton, W. M., Mar.: 98
- personality
- relation to achievement of men physical education majors, Thompson, J. C., Dec.: 417
- Phillips, Marjorie* Dec., Part II: 1
- physical ability
- reliability of different methods of scoring, McCraw, L. W. and Tolbert, J. W., Mar.: 73
- physical education
- democratic methodology in, Todd, Frances, Mar.: 106
 - health certification requirements for teachers of, Haag, Jessie H., May: 167
 - liability for accidents in, Doscher, Nathan and Walke, Nelson, Oct.: 280
 - majors, factors affecting achievement, Thompson, J. C., Dec.: 417
 - supervision of, in elementary schools, Baker, Gertrude M., Annis, Elsie and Bontz, Jean, Dec.: 379
- physical efficiency
- tests for high school boys, McHone, V. L., Tompkin, G. W., and Davis, J. S., Mar.: 83

- physical fitness
 annotated bibliography of studies, Cureton, T. K., May: 149
 improvement in a middle aged man, Cureton, T. K., May: 149
 relation to age, height and weight, Lovelless, J. C., Oct.: 347
- physical performance
 relation to body size and shape, Bookwalter, K. W., et al, Oct.: 271
- physical traits
 relation to poor posture in children, Moriarty, Mary J. and Irwin, L. W., May: 221
- physique
 relation to physical performance, Bookwalter, K. W., et al, Oct.: 271
- play
 history of in early elementary schools, Billett, R. E., May: 127
- posture
 relation to physical and emotional traits in children, Moriarty, Mary J. and Irwin, L. W., May: 221
- prediction
 of baseball ability, Everett, P. W., Mar.: 15
- propulsion
 in swimming the crawl stroke, Alley, L. E., Oct.: 253
- reaction time
 effect of block spacing on, in sprints, Henry, F. M., Oct.: 301
 effect of different sensory motivators on, Henry, F. M., Mar.: 43
 relation to speed in sprints, Henry, F. M., Oct.: 301
 relation to speed of movement, Henry, F. M., Mar.: 43
 transfer of motivated improvement in, Fairclough, R. H., Mar.: 21
- recreation
 activities in the Old South, Fink, Ruth W., Mar.: 28
- reliability
 of different methods of scoring physical ability tests, McCraw, L. W. and Tolbert, J. W., Mar.: 73
- Research Quarterly
 content study of, 1930-1949, Loucks, D., May: 209
- Rosen, M. May: 226
- running
 effect of a cold abdominal spray in the 440, Rosen, M., May: 226
- secondary school
 health interests of students, Lantagne, J. E., Oct.: 330
- sex differences
 in broad jumping ability of children, Kane, R. J. and Meredith, H. V., May: 198
 of children in ball throwing, Dusenberry, Lois, Mar.: 9
- Shay, C. T. May: 136
- Sills, F. D. May: 161
- sit-ups
 scoring table for two minute test, Waglow, I. F., Mar.: 111
- size
 of body, relation to physical performance, Bookwalter, K. W., et al, Oct.: 271
- skin
 galvanic response of college athletes, pregame, Harmon, J. M. and Johnson, W. R., Dec.: 379
- Solley, W. H. May: 231
- somatotypes
 relation to achievement of men physical education majors, Thompson, J. C., Dec.: 417
 relation to grip strength, Everett, P. W. and Sills, F. D., May: 161
- South
 recreational activities, 1607-1860, Fink, Ruth W., Mar.: 28
- speed
 emphasis on, effect on learning, Solley, W. H., May: 231
 in sprinting, relation to reaction time and leg length, Henry, F. M., Oct.: 301
 of arm, effect of weight training on, Wilkin, B. M., Oct.: 361
 of fast and curve balls, Slater-Hammel, A. T. and Andres, E. H., Mar.: 95
 of football charge, Elbel, E. R., Wilson, D. and French, C., Oct.: 295
 of movement, effect of different sensory motivators on, Henry, F. M., Mar.: 43
 versus accuracy in motor learning, Knapp, C. G. and Dixon, W. R., Dec.: 398
- starting
 in sprint, best stance for, Henry, F. M., Oct.: 301
- Staton, W. M. Mar.: 98, Oct.: 356
- stimuli
 sensory, effect on reaction and speed of movement times, Henry, F. M., Mar.: 43

- strength
 of grip, relation to anthropometric measures, Everett, P. W. and Sills, F. D., May: 161
 tests of muscle groups by cable-tension; Clarke, H. H., Bailey, T. L. and Shay, C. T., May: 136
- supervision
 of elementary school physical education, Baker, Gertrude M., Annis, Elsie and Bontz, Jean, Dec.: 379
- swimming
 music as a teaching aid, Dillon, Evelyn K., Mar.: 1
 relation to certain otorhinologic conditions, Staton, W. M., Mar.: 98
 water resistance and propulsion in, Alley, L. E., Oct.: 253
- teacher
 secondary school, health education certification of, Haag, Jessie H., May: 167
- teacher training
 general in-service procedures used, Baker, Gertrude M., Annis, Elsie and Bontz, Jean, Dec.: 379
 weaknesses of classroom teacher, in teaching physical education, Baker, Gertrude M., Annis, Elsie and Bontz, Jean, Dec.: 379
- tests
 back and leg flexibility, Wells, Katharine F. and Dillon, Evelyn K., Mar.: 115
 field hockey knowledge, women physical education majors, Kelly, Ellen D. and Brown, Jane E., Oct.: 322
 physical efficiency for high school boys, McHone, V. L., Tompkin, G. W. and Davis, J. S., Mar.: 83
 strength of muscle groups, Clarke, H. H., Bailey, T. L. and Shay, C. T., May: 136
Thompson, J. C. Dec.: 417
Tipton, Anne B. Mar.: 54
Todd, Frances Mar.: 106
Tompkin, G. W. Mar.: 83
- training
 effect on ball throwing, with children, Dusenberry, Lois, Mar.: 9
- throwing
 effect of training on, with children, Dusenberry, Lois, Mar.: 9
- transfer
 of motivated improvement, Fairclough, R. H., Mar.: 21
- vocation
 status of professional football players, Governali, P., Mar.: 99
Waglow, I. F. Mar.: 111
Walke, Nelson Oct.: 280
- water resistance
 and propulsion in swimming the crawl stroke, Alley, L. E., Oct.: 253
- weight
 relation to grip strength, Everett, P. W. and Sills, F. D., May: 161
 relation to physical fitness, Loveless, J. C., Oct.: 347
- weight training
 effect on speed of movement, Wilkin, B. M., Oct.: 361
Wells, Katharine F. Mar.: 115
Wilkin, B. M. Oct.: 361
Wilson, D. Oct.: 295
- women
 field hockey knowledge test for physical education majors, Kelly, Ellen D. and Brown, Jane E., Oct.: 322